



# User Guide

This guide covers everything you need to start using Lyra Bitperfect. For full technical documentation, download the Technical Report from [lyrabitperfect.com](http://lyrabitperfect.com).

## 1. Interface Overview

The main screen is divided into two areas: the display (top) and the controls (bottom). Double-tap the display to cycle between three visualization modes.

Display Mode	How to Activate	What You See
Spinning CD	Default state	Animated CD, track info, seekbar
VU Meter	1st double tap	Two analog needles — real RMS level
Goniometer	2nd double tap	Lissajous stereo image — real phase data

## 2. The Three Audio States

Lyra operates in three sonically distinct states controlled by the BITPERFECT button. Each state is clearly indicated by the LED color.

LED	State	What Lyra Does
White/Pearl	Direct Playback	Pure Android chain — no EQ, no DSP, no intervention
Green	Direct Mode	No EQ, HiFi mode on, maximum internal transparency
Blue	Bitperfect USB	Signal sent bit-to-bit to external USB DAC

Press BITPERFECT once to activate Direct Mode (green LED). Connect a USB DAC and Lyra automatically switches to Bitperfect USB (blue LED). Press again to return to Direct Playback.

### 3. Reference Monitor

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Tap the MONITOR switch to open the Reference Monitor screen. This screen presents two precision instruments for real-time signal analysis:

Instrument	Measures	What it tells you
HEADROOM / PEAK	Instantaneous peak in dBFS (-30 to 0)	How close the signal is to digital clipping
DYNAMIC / CREST	Crest factor in dB (0 to 24)	Dynamic range — high = dynamic, low = compressed

Tap anywhere on the certificate plate at the bottom to reveal the full technical specification of your signal chain. Tap the back arrow to return to the main player.

### 4. Connecting a USB DAC

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Connect any USB Audio Class 1 or 2 DAC to your device. Lyra detects it automatically and switches to Bitperfect USB mode — the CD turns deep navy blue and the LED turns blue. No configuration required. Compatible with any UAC1 or UAC2 device regardless of brand or model.

### 5. Music Library

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Tap the library button to browse your local audio files. You can add tracks individually or in batch. The library organizes your music across Songs, Artists, Albums, Folders and Playlists views.

Browsing the library never interrupts playback. Return without selecting anything and the current track continues exactly where it was.

### 6. Progress Bar

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Drag the gold thumb along the seekbar to jump to any position in the track. The audio follows your finger in real time. Release to confirm the position. Long-press the previous or next buttons for fast rewind and fast forward.

### 7. Trial Period and License

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Details	
Trial period	21 days from first launch — full access to all features
On expiry	A license screen appears — tap the wax seal to purchase
Price	EUR 10.99 - one-time payment, no subscriptions, no ads
After purchase	Full lifetime access — no further charges ever

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*"An interface that does not look like an app, but a €5,000 physical object."*

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